

Amendment

Ser. No. 09/964,777

Page 2 of 6

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Original): 1. A thermal energy storage composition comprising macrocapsules containing therein a plurality of microcapsules wherein said microcapsules contain a phase change material.

Claim 2 (Original): The thermal energy storage composition of claim 1 wherein said macrocapsules have a payload of at least 50% phase change material by weight.

Claim 3 (Original): The thermal energy storage composition of claim 2 wherein said macrocapsules have a payload of at least 75% phase change material by weight.

Claim 4 (Original): The thermal energy storage composition of claim 3 wherein said macrocapsules have a payload of at least 80% phase change material by weight.

Claim 5 (Original): The thermal energy storage composition of claim 1 wherein said macrocapsules have a particle size of from about 1000 to 10,000 microns.

Claim 6 (Original): The thermal energy storage composition of claim 4 wherein said macrocapsules have a particle size of from about 1000 to 10,000 microns.

Claim 7 (Original): The thermal energy storage composition of claim 1 wherein said phase change material is a paraffin hydrocarbon selected from the group consisting of: n-Octacosane, n-Heptacosane, n-Hexacosane, n-Pentacosane, n-Tetracosane, n-Tricosane, n-Docosane, n-Homeiocosane, n-Eicosane, n-Nonadecane, n-Octadecane, n-Heptadecane, n-Hexadecane, n-Pentadecane, n-Tetradecane, n-Tridecane, and combinations thereof.

Claim 8 (Original): The thermal energy storage composition of claim 7 wherein said phase change material comprises n-Octadecane.

Amendment

Ser. No. 09/964,777

Page 3 of 6

Claim 9 (Original): The thermal energy storage composition of claim 1 wherein said microcapsules have an average particle size of from about 2 to 50 microns.

Claim 10 (Original): The thermal energy storage composition of claim 1 wherein said macrocapsule comprises a crosslinked gelling agent.

Claim 11 (Original): The thermal energy storage composition of claim 10 wherein said crosslinked gelling agent is selected from the group consisting of alginate, polyvinyl alcohol, sodium silicate and gelatin.

Claim 12 (Original): The thermal energy composition of claim 1 wherein said energy storage composition is incorporated inside a coat, vest or other article of clothing.

Claim 13 (Original): The thermal energy storage composition of claim 1 wherein said composition is incorporated into construction materials, home furnishings, automobile upholstery, or heat sinks.

Claims 14-20 (Withdrawn).